

SEQUENCE LISTING

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Hirota, Kiyonori  
Sota, Hiroyuki

<120> Support having affinity for antibody

<130> 040894-7434-US

<140> 10575254

<141> 2007-06-05

<150> US 10/575,254

<151> 2006-04-10

<150> PCT/JP2004/014828

<151> 2004-10-07

<150> JP 2003-352937

<151> 2003-10-10

<160> 1

<170> PatentIn version 3.4

<210> 1

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<212> PRT

<213> Artificial sequence

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<223> Protein for antibody immobilization

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Ala Asp Asn Asn Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile  
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Leu Asn Met Pro Asn Leu Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln  
20 25 30

Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ala Glu Ala  
35 40 45

Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys Gly Gly Gly Cys Ala  
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Asp Asp Asp Asp Asp Asp  
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<223> Protein for antibody immobilization

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Ala Asp Asn Asn Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile  
1 5 10 15

Leu Asn Met Pro Asn Leu Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln  
20 25 30

Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala  
35 40 45

Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys Ala Asp Asn Asn Phe Asn  
50 55 60

Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu Asn Met Pro Asn Leu  
65 70 75 80

Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln Ser Leu Lys Asp Asp Pro  
85 90 95

Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala Lys Lys Leu Asn Glu Ser  
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Gln Ala Pro Lys Gly Gly Cys Ala Asp Asp Asp Asp Asp  
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<223> A domain monomer

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Ala Asp Asn Asn Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile  
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Leu Asn Met Pro Asn Leu Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln  
20 25 30

Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ala Glu Ala  
35 40 45

Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys  
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<212> PRT

<213> Artificial Sequence

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<223> A domain dimer

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Ala Asp Asn Asn Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile  
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Leu Asn Met Pro Asn Leu Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln  
20 25 30

Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala  
35 40 45

Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys Ala Asp Asn Asn Phe Asn  
50 55 60

Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu Asn Met Pro Asn Leu  
65 70 75 80

Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln Ser Leu Lys Asp Asp Pro  
85 90 95

Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala Lys Lys Leu Asn Glu Ser  
100 105 110

Gln Ala Pro Lys Gly Gly Gly Cys Ala Asp Asp Asp Asp Asp Asp  
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<212> DNA

<213> Artificial Sequence

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<223> DNA encoding protein for antibody immobilization

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cctaacttaa acgaagaaca acgcaatggt ttcatccaaa gctaaaaga tgacccaagc 120  
caaagtgcata acctattgtc agaagctaaa aagttaaatg aatctcaagc accgaaagg 180  
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<223> DNA encoding protein for antibody immobilization

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caaagtgcata acctattgtc agaagctaaa aagttaaatg aatctcaagc accgaaagg 180  
gataacaatt tcaacaaaga acaacaaaat gctttctatg aaatcttgaa tatgcctaac 240  
ttaaacgaag aacaacgcaa tggtttcatc caaagcttaa aagatgaccc aagccaaagg 300  
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tctatgaaat ctgatatgt cctaacttaa acgaagaaca acgcaatggt ttcatccaaa 180  
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aatctcaagc accgaaagg 302  
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<223> DNA for transferring into vector

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tctatgaaat ctgatatgt cctaacttaa acgaagaaca acgcaatggt ttcatccaaa 180  
gctaaaaga tgacccaagc caaagtgcata acctattgtc agaagctaaa aagttaaatg 240  
aatctcaagc accgaaagg 300  
aatctcaagc accgaaagg 300  
tc

aatcttcaa tatgcctaac ttaaacgaa aacaacgca aggtttcatc caaagctta 360  
aagatgaccc aaggccaaagt gctaaccatat tgtcagaagc taaaaagtta aatgaatctc 420  
aagcacccaa aggtggcggt ggctgcgctg atgacgatga cgatgactaa gaattc 476

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<220>  
<223> Additional DNA sequence for gene expression

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aaggaggaac gact 74